LIBRARY IN HISTORIC UPTOWN, OKLAHOMA CITY

FITZGERALD

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OF

THE LIBRARY IS VITAL FOR THE CIVIC UNIFICATION OF A COMMUNITY. TRADITIONALLY, LIBRARIES HAVE BEEN A REPOSITORY FOR BOOKS -- A TEMPLE OF KNOWLEDGE. NOW HOWEVER, THE LIBRARY HAS BECOME A HUB FOR SOCIALIZATION AND COM-MUNITY OUTREACH PROGRAMS.

THIS KIND OF LIBRARY HAS THE POTENTIAL TO BE A SOURCE OF PRIDE AND IDENTIFICATION FOR THOSE WHOM IT SERVES. THE COMMUNITY LI-BRARY IS MORE WELCOMING AND LESS INTIMIDAT-ING THAN ITS NATIONAL, CITY, OR UNIVERSITY COUNTER PARTS.

PEOPLE FROM ALL AGES, RACES, AND SOCIOECO-NOMIC BACKGROUNDS UTILIZE THE RESOURCES IN A LIBRARY. THESE PEOPLE HAVE DIFFERENT LEVELS OF TECHNOLOGICAL PROWESS AND THE LIBRARY SERVES AS BOTH A PROVIDER OF TECHNO-LOGICAL RESOURCES AND A MEDIATOR BETWEEN PEOPLE AND INFORMATION.

ESPECIALLY IN AN URBAN SETTING, THE COMMU-NITY LIBRARY MUST ADAPT TO STAY COMPETITIVE AMONGST NEW TECHNOLOGIES AND THE EVER LOUDENING ADVERTISEMENTS CHARACTERISTIC OF CAPITALISM. THE CHALLENGE, THEREFORE, IS FOR THE LIBRARY TO RETAIN ITS FUNDAMENTAL PURPOSE AS A PLACE OF PHILANTHROPIC EDIFI-CATION WHILE DRAWING THE ATTENTION (AND FUNDS) TO STAY RELEVANT IN TODAY'S FAST PACED SOCIETY.



NTRODUCTION 3

SITE/FIRST FLOOR PLAN 04





THE SECOND FLOOR FEATURES AN EL-EVATED LOFT, SUSPENDED BETWEEN DIAGONAL BRACES LIKE A HAMMOCK. THIS AREA FUNCTIONS AS THE YOUNG ADULT READING AND EXTERIOR READ-ING SPACE.



SECOND FLOOR PLAN

PPER LEVEL FLOOR PLANS 05



THIS IMAGE SHOWS THE COORDINATION OF BUILDING SYSTEMS WITH THE FURNITURE LAYOUT OF THE SPACE. ADDITIONALLY, IN THE BACK-GROUND THE LOFT IS SEEN RESTING ON THE LATERAL BRACES.



SECTION PERSPECTIVE SHOWING THE LOFT, SECOND LEVEL LIBRARY, AND GROUND FLOOR PUBLIC SPACES SUCH AS THE CAFE AND MULTI PURPOSE ROOM.



Level 4 $\Box \Box Z$ Level 3 30'-0" Level 2.1 27'-0" Level 2 15' - 0"

C

D

(E)

(F)

WEST ELEVATION

A

B



1

NORTH ELEVATION

SEC TIONS AND L L **EVATIONS**

07



THE BUILDING IS SERVED BY FOUR AIR HAN-DLING UNITS, EACH RESPONSIBLE FOR ONE HALF OF EACH LEVEL. OVER THE COLLECTION AND READING SPACE, THE DUCTS ARE SLOPED WITH THE ROOF.



HI - LOW BEAM

FRAMING

STRUC **TURAL SYSTEMS** 09



LIBRARY IN HISTORIC UPTOWN, OKC

SHEET INDEX

A001

A102 - 2ND FLOOR PLAN A201 - WALL SECTION

S101 - FOUNDATION PLAN S102 - FRAMING PLAN LEVEL 2 S102.1 - FRAMING PLAN LEVEL 2 MEZZANINE S103 - FRAMING PLAN EAST ROOF S104 - FRAMING PLAN WEST ROOF S201 - BRACE FRAME ELEVATIONS S202 - DETAILS S203 - DETAILS

SECTION 1: GENERAL INFORMATION AND DESIGN CRITERIA SECTION 1.1 - DOCUMENTS

1.1.1 STRUCTURAL CONSTRUCTION DOCUMENTS CONSIST OF PROJECT SPECIFICATIONS AND STRUCTURAL DRAWINGS. STRUCTURAL DRAWINGS GENERAL NOTES AND TYPICAL DETAILS IN ADDITION TO PLANS, SECTIONS AND DET

1.1.2 GENERAL NOTES AND TYPICAL DETAILS DESCRIBE GENERAL CRITERIA THAT APPLY TO ALL SIMILAR CONDITIONS THROUGHOUT THE PROJECT REGARDLESS OF WHETHER OR NOT THEY ARE SPECIFICALLY REFERENCED IN THE PLANS OR DETAILS.

1.1.3 DO NOT SCALE PLANS, DETAILS AND SECTIONS FOR QUANTITY, LENGTH OR FIT OF MATERIALS

1.1.4 THE STRUCTURAL DOCUMENTS ARE PROTECTED BY U.S.A. COPYRIGHT LAWS. THEY SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN CONSTRUCTION OF THE STRUCTURE SHOWN ON THE STRUCTURE ON THE ARCHITECTURAL DRAWINGS.

1.1.5 THE DESIGN REPRESENTED BY THESE DOCUMENTS IS VALID ONLY FOR THE BUILDING SITE AND THE PURPOSES SHOWN ON THE ARCHITECTURAL DRAWINGS.

1.1.6 THE GEOTECHNICAL REPORT IS A SEPARATE DOCUMENT (NOT PART OF CONTRACT DOCUMENTS) FURNISHED BY THE PROJECT OWNER. THE CONTRACTOR IS URGED TO OBTAIN COPY OF THE REPORT FOR REFERENCE AS IT DESCRIBES SUB-SUFFACE CONDITIONS THAT MAY BE ENCOUNTERED DURING INSTALLATION OF FOUNDATIONS AND CONTAINS OTHER INFORMATION PRETINENT TO CONSTRUCTION OF THE PROJECT.

1.1.7 THE CONTRACTOR MUST COORDINATE STRUCTURAL DOCUMENTS WITH OTHER TRADES AND DISCIPLINES INCLUDING: ARCHITECTURAL, MECHANICAL, ELECTRICAL, HVAC AND FIRE PROTECTIONE. IS VERY ATTEMPT IS MADE TO COORDINATE DRAWINGS PROTE OT ISSUE, HOWEVER, SOME REQUIREMENTS ARE NOT KNOWN PRIOR TO ISSUE, AND CHANGE MAY OCCUR DURING CONSTRUCTION AS LAVOUT AND FARBICATION DRAWINGS ARE DEVELOPED. OR TO ISSUE,

1.1.8 PROMPTLY REPORT DEVIATIONS AND INTERFERENCES WITH STRUCTURAL COMPONENTS FOR RESOLUTION BY THE ENGINEER.

1.1.9 VERIFY DIMENSIONAL LOCATION AND DEPTH OF SLAB RECESSES AND OFFSETS WITH ARCHITECTURAL DRAWINGS.

1.1.10 VERIFY WEIGHTS, LOCATION AND DETAILS OF STRUCTURALLY SUPPORTED MECHANICAL EQUIPMENT PRIOR TO CONSTRUCTION OF THE SUPPORTING STRUCTURE. REPORT DEVIATIONS FROM ASSUMED CONDITIONS TO THE ENGINEER PRIOR TO FABRICATING MATERIALS.

1.1.11 VERIFY THE LOCATION, SIZE AND DETAIL OF ROOF OPENINGS AND CURBS FO NICAL EQUIPMENT PRIOR TO FABRICATING MATERIALS. REPORT DEVIATIONS FROM ED CONDITIONS TO THE ENGINEER BEFORE PROCEEDING WITH WORK.

1.1.12 VERIFY LOCATION AND SIZE OF FLOOR AND ROOF PENETRATIONS AND SLEEVES FOR MECHANICAL AND ELECTRICAL COMPONENTS. OPENINGS IN BEAMS, GIRDERS, COLUMN AND SLABS MUST BE SUBMITTED FOR APPROVAL.

1.1.13 VERIFY DIMENSIONS, DETAILS, PLUMBNESS AND SQUARENESS OF EXISTING STRUCTURES MEETING OR TIEING INTO NEW CONSTRUCTION.

1.1.14 HEIGHTS OF FLOOR AND ROOF DECKS AND VARIOUS FRAMING COMPONENTS ARE GIVEN ON THE DRAWINGS RELATIVE TO A REFERENCE ELEVATION OF 0°.0°. THIS REFERENCE ELEVATION OF 1105 REFERENCE ELEVATION OF 1120.00.

SEC TION 1.2 - CODES AND STANDARDS

1.2.1 BUILDING CODE OF JURISDICTION: 2012 INTERNATIONAL BUILDING CODE 1.2.2 STRUCTURAL CONCRETE CODE - AMERICAN CONCRETE INSTITUTE (ACI) 318-08

1.2.3 STRUCTURAL STEEL CODE - AMERICAN INSTITUTE OF STEEL CONSTRUCTION (LATEST FDITION)





IOTES: (1) PLUS PARTITION LOADING (SEE DEAD LOADS) (2) MINIMUM LOAD, OR WEIGHT OF EQUIPMENT (THE HEAVIER) 1.3.2 DEAD LOADS:

> 6 1/2* COMPOSITE FLOOR SYSTEM 66 PSF FLOORING 2 PSF TYPICAL CEILINGS 3 PSF FLOOR COLLATERAL 3 PSF (2 PSF 3 PSF (1) 3 PSF (2) 15 PSF (4) 2 PSF (3) 16 PSF (2) 3 PSF (2) FLOOR SPRINKLERS PARTITION LOADING PARTITION LOADING ROOF COLLATERAL ROOF INSULATION ROOF SPRINKLERS ROOFING SYSTEM

IOTES: (1) COLLATERAL LOADS INCLUDE; LIGHTING, DUCTWORK, MISCELLANEOUS FRAMING. (2) ROOFING SYSTEM WEIGHT IS THE MAXIMUM UNIT WEIGHT OF (2) ROOFING SYSTEM WEIGHT IS THE MAXIMUM UNIT WEIGHT ROOFING MATERIALS AND BALLAST (WHERE APPLICABLE) FOR WHICH THE ROOF STRUCTURE IS DESIGNED. (3) SPRINKLE LOADINGS ARE FOR DISTRIBUTION LINES AND HEADS, EXCLUSIVE OF MAINS, WHICH ARE INCLUDED SEPARATELY AS CONCENTRATED DEAD LOADS. (4) APPLIED WHERE NOTED UNDER "LIVE LOADS".

1.3.3 WIND LOADS:

NOTES

BASE MEAN WIND VELOCITY 120 MPH WIND EXPOSURE CLASSIFICATION B WIND IMPORTANCE FACTOR 1.

SECTION 2: FOUNDATIONS AND RELATED EARTHWORK GEOTECHNICAL REPORT

DESIGN OF FOUNDATIONS AND STRUCTURAL COMPONENTS IN CONTACT WITH SOIL IS 20 ON THE RECOMMENDATIONS GIVEN IN THE FOLLOWING:

REPORT BY : TERRACON DATE OF REPORT : APRIL 22, 2015 REPORT REFERENCE :

2.2 REFER TO THE GEOTECHNICAL REPORT FOR SUBSOIL CONDITIONS THAT MAY BE ENCOUNTERED IN THE INSTALLATION OF FOUNDATIONS, AND OTHER INFORMATION RELEVANT TO FOUNDATIONS AND SITE REPEARATION.

2.3 DESIGN OF SOIL-SUPPORTED BUILDING SLABS IS BASED ON A RANGE OF SOIL MOVEMENT OF 0 TO 1 INCH(ES), BASED ON THE RECOMMENDATIONS OF GEOTECHNICAL REPORT.

2.4 REFER TO SPECIFICATIONS FOR SOIL STABILIZATION UNDER SOIL-SUPPORTED BUILDING SLAPS

EARTH RETENTION SYSTEMS 2.5 THE DESIGN OF EARTH RETENTION SYSTEMS IS NOT INCLUDED IN STRUCTURAL DOCUMENTS. REFER TO THE TECHNICAL SPECIFICATIONS FOR REQUIREMENTS.

STRAIGHT SHAFT PIERS DESIGN CRITERIA BEARING STRATUM: WEATHERED SILTSTONE OR SHALE TOP OF STRATUM ELEVATION: 2 – 14 FT



PIER DEPTHS INDICATED ARE FOR BIDDING PURPOSES ONLY. ACTUAL PIER DEPTHS ARY DEPENDING ON DEPTH TO BEARING STRATUM.

2.8 STEEL DOWELS AT TOPS OF PIERS OR FOOTINGS SHALL EXTEND 30 BAR DIAMETER: ABOVE AND BELOW TOP OF PIER UNLESS NOTED OTHERWISE (NOTED AS "LAP" ON TYPICAL DETAILS)

2.9 TOP OF PIER ELEVATIONS GIVEN ARE RELATIVE TO REFERENCE ELEVATION 0'-0". 2.10 OVER-POUR AT TOPS OF PIERS ("MUSHROOMS") SHALL BE REMOVED TO THE REQUIRED PIER DIAMETER.

SECTION 3: STRUCTURAL CONCRETE

3.0.4 COMPOSITE DECK SYSTEM SHALL BE SHORED IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS. SHORING IS TO REMAIN IN PLACE UNTIL CONCRETE HAS REACHED 75% OF SPECIFIED COMPRESSIVE STRENGTH. IN ADDITION, SHORING IS TO REMAI IN PLACE UNTIL ALL LEVELS HAVE BEEN PLACED AND HAVE REACHED 75% OF SPECIFIED COMPRESSIVE STRENGTH.

30.5 AT SUPPORT POINTS AND EDGE OF DECK LOCATIONS, COMPOSITE DECK SHALL BE

ATTACHED TO LOAD BEARING WALLS AND STRUCTURAL STEEL SUPPORT BEAMS WITH HILTI FLEX SCREWS, TYPE 12-14X7/8 HWH #3, AT 12" O.C., UNO. 3.0.6 DECK SHALL SPAN BETWEEN SUPPORTS. NO MIDSPAN SPLICING OF THE DECK IS PERMITTED. PROVIDE #10 TEK SCREW SIDE FASTENERS AT 24* O.C.

SECTION 3.1 - CONCRETE FORMS

 3.1.1
 FORMED VOIDS - PROVIDE RETAINED VOID SPACES BETWEEN BOTTOM OF STRUCTURAL

 MEMBERS AND SUB GRADE AS FOLLOWS:
 GRADE BEAMS

 GRADE BEAMS
 6

 INCHES
 STRUCTURAL SLABS

 10
 INCHES

3.1.2 GRADE BEAMS - SHALL BE FORMED BOTH SIDES UNLESS SPECIFICALLY SHOWN OR NOTED OTHERWISE IN THE DETAILS. SECTION 3.2 - STEEL REINFORCING

STEEL REINFORCING

ALL BARS SHALL BE DEFORMED IN ACCORDANCE WITH ASTM A615. REINFORCING ATED TO BE WELDED SHALL CONFORM TO ASTM A796.

3.2.2 STRENGTH OF BARS SHALL BE AS FOLLOWS:

ALL BARS GRADE 60

SPLICING OF REINFORCING BARS

3.2.3 TOP BARS IN BEAMS, SLABS OR JOISTS SHALL BE SPLICED AT MIDSPAN BETWEEN SUPPORTS, UNLESS NOTED OTHERWISE.

3.2.4 BOTTOM BARS IN BEAMS, SLABS OR JOISTS SHALL BE SPLICED AT SUPPORTS, UNLESS NOTED OTHERWISE.

LAPPED SPLICE LENGTHS

3.2.7 LAP REINFORCING 30 BAR DIAMETERS AT SPLICES UNLESS NOTED OR DETAILED OTHERWISE. CONCRETE COVER TO REINFORCING

- 3.2.8 CLEARANCE FROM FACE OF CONCRETE TO FACE OF REINFORCING:
- FORMED GRADE BEAMS 1-1/2" TOP, 2" SIDES, 3" BOTTOM

PLACEMENT OF REINFORCING

3.2.9 OFFSETS IN REINFORCING BARS SHALL BE BENT AT A RATIO OF 1 (NORMAL TO BAR AXIS) TO 6 (PARALLEL TO BAR AXIS).

3.2.11 PROVIDE DOWELS FROM GRADE BEAMS OR FOUNDATION EQUAL IN SIZE AND SPACING TO VERTICAL BARS IN WALLS OR PILASTERS AND EXTEND ONE

SPLICE LENGTH ABOVE AND BELOW JOINT LINE. UNLESS NOTED OTHERWISE.

3.2.12 START STIRRUP SPACING IN BEAMS 2 INCHES OUTSIDE OF FACE OF SUPPORTS.

3.2.13 PLACE FIRST BAR OF SLAB REINFORCING PARALLEL TO SIDE 2 INCHES FROM A FREE EDGE OR HALF OF REQUIRED BAR SPACING FROM FACE OF EDGE BEAM.

3.2.14 SINGLE LAYER REINFORCING IN WALLS SHALL BE PLACED AT CENTER OF WALLS UNLESS NOTED OTHERWISE.

3.2.15 PLACE WELDED WIRE REINFORCING IN SLABS IN TOPPINGS, OR IN SLABS POURED ON METAL DECK AT CENTER OF SLAB UNLESS NOTED OTHERWISE.

SECTION 3.3 - CONCRETE MIX DESIGNS 3.3.1 CONCRETE MIX SCHEDULE:

A) "HRC" REFERS TO HARDROCK CONCRETE HAVING AIR DRY UNIT WEIGHT OF APPROXIMATELY 145 PCF. B) "WO": REFERS TO SAND LIGHTWEIGHT CONCRETE HAVING DRY UNIT WEIGHT NOT TO EXCEED 120 PCF. 0) WHERE, WOL RATIO IS NOT INDICATED IN THE CONCRETE MIX SCHEDULE, IT SHALL BE AS D) WHERE THE W/C RATIO IS SHOWN, IT SHALL BE ADHERED TO REGARDLESS OF STRENGTH

REQUIREMENTS. E) "STRENGTH" IS REQUIRED COMPRESSIVE CYLINDER STRENGTH AT AN AGE OF 28 DAYS.





WELDING

GENERAL NOTES A001 010

3.3.2 MIX USAGE SCHEDULE:	3(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(
CONCRETE AIR DESCRIPTION OF USE CLASS CONTENT	ා බ බ ල ල බ බ බ ල
DRILLED PIERS A FOOTINGS A	
GRADE BEAMS B 4.5-6% INTERIOR SLAB-ON-GRADE C BASEMENT SLAB D	
RETAINING WALLS D 4.5-6% ELEVATOR PIT WALLS B SI AB ON COMPOSITE METAL DECK F	
STRUCTURAL BEAMS AND SLAB D STRUCTURAL COLUMNS D	engineering
SECTION 3.4 - CONCRETE SLABS	
3.4.1 SLABS PLACED ON GRADE	
LOCATION THICKNESS REINFORCING	
ALL SINCHES #3 @ 16 EVV A) REINFORCEMENT SHALL BE PLACED 2 INCHES FROM TOP OF SLAB, UNLESS	Consultant Address
DETAILED OTHERWISE. B) PROVIDE CONSTRUCTION JOINTS IN SLABS WHERE INDICATED ON PLANS. ALLOW MINIMUM OF 4 DAYS INTERVAL BETWEEN PLACING	Address Phone
ADJACENT SECTIONS OF SLAB.	e-mail
SECTION 5: STRUCTURAL STEEL	Consultant Address
SECTION 5.1 - STRUCTURAL FRAME 5.1.1 STRUCTURAL STEEL PROPERTIES:	Address Phone
HIGH STRENGTH STEEL ASTM A572 GRADE 50	e-mail
ANGLES, CHANNELS, PLATES, UNO ASTMASS & TEES, UNO PIPE COLUMNS ASTMASS, GRADE B	Consultant
TUBULAR COLUMNS ASTM A500, GRADE B ERECTION BOLTS ASTM A307 HIGH STRENGTH ROLTS ASTM A325N	Address Address Phone
ANCHOR BOLTS ASTM A36 OR A307 HIGH STRENGTH ANCHOR BOLTS ASTM A193 GRADE B7	Fax e-mail
WELDING	Consultant
5.1.2 UNLESS OTHERWISE NOTED, ANGLES, PLATES, RODS, AND MISCELLANEOUS FRAMING SHALL BE WELDED AT CONTACT JOINTS AND SUPPORTS. WELD SIZES SHALL CONFORM TO AWS D1.1 MINIMUMS, EXCEPT WHERE NOTED OTHERWISE.	Address Address Phone
5.1.3 WHERE FILLET WELD SIZES ARE NOT INDICATED ON WELD SYMBOLS, FILLET SIZE SHALL BE 1/16TH INCH SMALLER THAN THICKNESS OF THINNER OF MATERIAL SERVICE OWNED	Fax e-mail
5.1.4 COMPLETE PENETRATION WELDS ARE INDICATED BY NOTATION "CP" ON WELD	Consultant
SYMBOLS, PARTIAL PENETRATION BY "PP". STRUCTURAL BOLTS	Address Address
5.1.5 BOLTS INDICATED ON DETAILS SHALL BE 3/4 INCH DIAMETER, UNLESS NOTED	Fax e-mail
5.1.6 BOLTS SHALL BE TIGHTENED BY THE AISC "SNUG TIGHT" METHOD UNLESS NOTED	
5.1.7 SHELF ANGLES SUPPORTING MASONRY SHALL HAVE 1/4 INCH WIDE EXPANSION	
JOINTS SPACED NOT MORE THAN 40 FEET APART. 5.1.8 EDGE ANGLES AT PERIMETERS OF FLOORS AND ROOFS NOTED AS "CHORD MEMBERS"	
OR "CONTINUOUS" ON DETAILS SHALL BE BUTT WELDED AT SPLICES TO DEVELOP FULL ALLOWABLE TENSILE STRENGTH OF MEMBER.	
5.1.9 EDGE ANGLES SUPPORTING FLOOR OR ROOF DECK SHALL BE SPLICED ONLY OVER SUPPORTS.	
SECTION 5.2 - METAL ROOF DECK	
5.2.1 METAL ROOF DECKING:	No. Description Date
5.2.2 METAL ROOF DECK AT COMMONS SLOPED ROOF SHALL BE DECK SHALL HAVE G60 GALVANIZED FINISH.	
5.2.3 METAL ROOF DECK AT ROOF SHALL BE 1 1/2", 22 GAUGE WIDE RIB DECK WITH THE FOLLOWING MINIMUM SECTION PROPERTIES:	
I = 0.169 IN4 SP = 0.186 IN3	
SN = 0.192 IN3	
SECTION 5.3 - LIGHT GAUGE COLD-ROLLED FRAMING	
5.3.1 LIGHTGAGE STEEL PROPERTIES: MBR MATERIAL GRADE FY SHOP COAT	
STUDS ASTM A446 C 40 KSI GALVANIZE (G-60) JOISTS ASTM A446 C 40 KSI GALVANIZE (G-60)	
TRACK ASTM 4446 A 33 KSI GALVANIZE (G-60)	
CALL STILLS STILLS STILLS STILLS STATUS INTO CONVECTION STALL BE ADEQUATE TO SAFELY BRACE METAL WALL STILLS SAGAINST DESIGN LATERAL LOAD OF 700 POUNDS FOR EACH STUD (ALLOWABLE STRESS INCREASE PERMITTED BY BUILDING CODE ALREADY TAKEN INTO	
ACCUUN 1). 5.3.3 WELDING OF LIGHT GAGE MATERIALS INDICATED ON DETAILS SHALL BE 1/8TH INCH FILLET WELDS, UNLESS NOTED OTHERWISE. USE SPECIAL WELDING EQUIPMENT TO	
PREVENT BLOW-OUT OR BURNING THROUGH MATERIAL.	
PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF TEXAS, DESIGN SHALL BE BASED ON VERTICAL LODG SOFTEN IN THE CONTRACT DOCUMENTS, PLUS LATERAL LOADS AS REQUIRED BY THE GOVERNING BUILDING CODE.	
5.3.5 LIGHT GAUGE FRAMING DESIGN LOADS:	TIM FITZGERALD
DESIGN LUADINGS FUR LIGHT GAUGE FRAMING, AND STRUCTURAL STEEL SUPPORTING FRAMING ARE AS FOLLOWS:	
FLAT ROOF: DEAD LOAD = 22 PSF + TRUSS WEIGHT LIVE LOAD = 20 PSF (REDUCIBLE)	Title Shoot
SLOPED ROOF: DEAD LOAD = 27 PSF + TRUSS WEIGHT LIVE LOAD = 20 PSF (REDUCIBLE)	
INDEPENDENT LIVING UNIT FLOORS:	Project number 2015 5226
DEAD LOAD = 94 PSF LIVE LOAD = 40 PSF (REDUCIBLE)	Date Issue Date
CORRIDORS, COMMONS AREA:	Drawn by Author Checked by Checker
UEAD LOAD = /5 PSF LIVE LOAD = 100 PSF (REDUCIBLE)	
	Scale



STRUCTURAL engineering Consultant Address Address Phone Fax e-mail Consultar Address Address Phone Fax e-mail Consultant Address Address Phone Fax e-mail Consultant Address Address Phone Fax e-mail Consultant Address Address Phone Fax e-mail Date TIM FITZGERALD UPTOWN LIBRARY Level 2 2015.5226 Project number Issue Date Date Tim Fitzgerald Drawn by Checked by A102 Scale 1/8" = 1'-0"

A102 2ND FLOOR PLAN 011



CD A201 WALL SECTION 012 COLUMN /PIER SCHEDULE

PLAN NOTES:

C1	C2	C3	C4	C5	C6
W8X31	-	-	-	-	-
W8X31	W8X31	W8X31	W8X31	W8X31	W16X67
W8X31	W12X35	W16X40	W14X34	W18X50	W16X67
P1	P2	P3			
DIAMETER: 3' EMBED DEPTH: 3'	DIAMETER: 3' EMBED DEPTH: 4'	DIAMETER: 3' EMBED DEPTH: 6'			

GRADE BEAM SCHEDULE

	LEFT	MIDDLE	RIGHT	STRIRRUPS
CP1	(2) - #4	(2) - #4	(2) - #4	#2 @ 24" 0 0
GBT	(2) - #4	(2) - #4	(2) - #4	#3 @ 24 0.0.



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(H)	Co Ad Ad Phi Fa: e-n	nsultant dress dress sone k nail		
	Co Adı Adı Phı Fa: e-n	nsultant dress dress one k nail		
	Co Ad Ad Phu Fa: e-n	nsultant dress dress one k nail		
	Co Adı Adı Phı Faz e-n	nsultant dress dress sne k nail		
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CD S101 FOUNDATION PLAN 013

PLAN NOTES:





CD S102.1 2ND FL OOR MEZ ANINE 015





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CD S104 FRAMING PLAN WEST ROOF 017













CD S202 DETAILS 019



CD S203 DETAILS